

Amendments to the Claims:

Please cancel Claims 2-5, 7, 13-16 and 18 without prejudice.

Please amend the claims as shown below. This Listing of Claims will replace prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A method for compiling a color correction table, the method comprising:

receiving an original color value ~~values~~ of a color space stored in the color correction table;

smoothing the original color value ~~values~~ to provide a first color value ~~values corresponding to achromatic color in said color space~~;

in the event that ~~said the~~ first color value ~~values~~ does not correspond to achromatic color due to ~~said the smoothing and the original color value corresponding to the first color value is achromatic color~~, adjusting the first color value ~~values~~ to provide a second color value ~~values corresponding to the achromatic color in said color space~~;

comparing a difference between the second color value and the original color value with a limit value; and

adjusting the second color value in line with an achromatic axis of the color space when the difference is greater than the limit value.

~~storing the second values in the color correction table.~~

Claims 2-5 (canceled)

6. (currently amended) The method of ~~claim 4~~ claim 1, wherein ~~said smoothing conditions the limit value are~~ is each set individually for each of achromatic color and other colors.

Claim 7 (canceled)

8. (original): The method of claim 1 further comprising providing a control program and a computer for executing said method for compiling a color correction table.

9. (original) The method of claim 8 further comprising providing a storage medium for storing said control program.

10. (currently amended) A device for compiling a color correction table having color values in a color space, the device comprising:

a smoothing unit for performing smoothing of an original color value of the color space stored in the color correction table for to provide a first color value values in achromatic color in said color space; and

a correction unit for adjusting ~~said the~~ first color value values into a second color value values corresponding to achromatic color, in the event that ~~said the~~ first color value does values do not corresponds correspond to achromatic color due to ~~said the~~ smoothing, the correction unit comparing a difference between the second color value and the original color value with a limit value, and adjusting the second color value in line with an achromatic axis of the color space when the difference is greater than the limit value.

11. (currently amended) The device of claim 10 further comprising a display screen for displaying value differences before and after smoothing is performed on the first color value values.

12. (currently amended) A software product ~~for adjusting embodied on a medium readable by a machine and capable of causing the machine to adjust~~ a color correction table, the software product comprising:

program code for smoothing an original color value including an achromatic color value values stored in the color correction table to provide a first ~~achromatic color values~~ color value; and

program code for modifying the first ~~achromatic color~~ value values

such that ~~a second achromatic color value values are~~ is generated for storage in the color correction table, the program code for modifying including program code for comparing a difference between the second color value and the original color value with a limit value, and program code for adjusting the second color value in line with an achromatic axis of the color space when the difference is greater than the limit value.

Claims 13-16 (canceled)

17. (currently amended) The software product of ~~claim 15~~ claim 12, wherein ~~the said smoothing conditions limit value are~~ is each set individually for each of achromatic color and other colors.

Claim 18 (canceled)

19. (currently amended) The software product of claim 12 ~~claim 15~~ further comprising program code for controlling ~~said~~ the software product on a computer.

20. (new) The software product embodied on a medium readable by a machine of claim 12, wherein the machine comprises a computer.

21. (new) The software product embodied on a medium readable by a machine of claim 12, wherein the machine comprises a photocopier.

22. (new) The software product embodied on a medium readable by a machine of claim 12, wherein the machine comprises a facsimile machine.